

# West National Technology Support Center

Please see

1201 NE Lloyd Blvd Suite 1000 Portland, OR 97232  <b>Main Phone Number:</b> (503) 273-2400 <b>Fax Number:</b> (503) 273-2401	5601 Sunnyside Ave Room 1-2123A, Mail Stop 5420 Beltsville, MD 20705  <b>Fax Number:</b> (301) 504-2295	451 West Street Amherst, MA 01002-2995  <b>Fax Number:</b> (413) 504-4375
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## **EXPERTISE DIRECTORY**

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
<b>Bruce Newton</b>	Director	(503) 273-2402		
<b>Freda Brown</b>	Office Assistant	(301) 504-3946		
<b>Evelyn Johnson</b>	Administrative Assistant	(503) 273-2422		
<b>Betty Shatto</b>	Administrative Assistant	(503) 273-2403		
<b>Core Team</b>				
<b>Steve Campbell</b>	Soil Scientist	(503) 273-2422	Sec. II FOTG, Technical Soil Services, and use of Soil Data Mart, Web Soil Survey, Soil Data Viewer in resource assessment, conservation planning and program delivery.	Soil Technology – Application of Soil Data Viewer and ArcGIS in Technical Soil Services, Boot Camp
<b>Meg Bishop</b>	Ecologist (Environmental Compliance)	(503) 273-2404	Ecological considerations in NEPA; ESA; NHPA; other laws and agency environmental requirements	Environmental Training to meet compliance requirements for NEPA, ESA, etc.; NEDC - Environmental Documentation & Procedures (EIS)

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
<b>Kathryn Boyer</b>	Fisheries Biologist	(503) 273-2412	Riparian and aquatic species and habitats: conservation and restoration planning and implementation in stream corridors; Riparian Ecological Site Description, Stream Visual Assessment Protocol(2) oversight; Code 395 Stream Habitat Improvement and Management oversight; NRCS contact for National Fish Habitat Action Plan Federal Caucus, Desert Fish Habitat Partnership, Western Native Trout Initiative, North American Salmon Stronghold Partnership, and California Fish Passage Forum;	Conservation Buffers (NEDC), Fish and Wildlife Habitat Conservation and Management (NEDC), Framework for Stream Corridor Restoration (NEDC), Riparian Ecology and Management, Fish Screen and Fish Passage Design and Implementation, Stream Restoration, Streambank Stabilization.
<b>Jim Briggs</b>	Plant Materials Specialist	(503) 273-2427	Plant and technology related development protocols, Assistance to 10 Plant Materials Centers and associated Plant Materials Specialists and other state staff specialists.	Genecology for plant specialists, statistical analysis using 'Statistix 8', Seeding basics
<b>Russ Hatz</b>	National Technology Specialist	(503) 273-2428	Expertise/Specialties/Duties: West Region Technical Working Group Coordinator; WNTSC Advisory Board Executive Secretary; Training Coordinator; Conservation System Guides, National Conservation Practice Standards Subcommittee, Field Office Technical Guide, National Resource Concerns, CPPE National Data Steward, Assistance Tracker, Webmaster, SharePoint, Conservation Delivery Streamlining Initiative Core Team	Conservation Planning, eFOTG Level II, Conservation Practice Standards Writing
<b>Richard Fasching</b>	Conservation Agronomist	(503) 273-2425	WEPS,WEQ, Cropping Systems, No-till, Residue Mgt,Agronomy standards,	NEDC Nutrient Mgt, WEPS, WEQ, Conservation Planning, Boot Camp,

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			HEL, CRP, Salinity, CNMP, Nutrient Mgt, Waste Utilization, MMP, IWM, FSA Compliance, FSA Appeals, Precision Ag, water quality, Cover crops, Strip-till, CIG, Prescribed, Burning, soil health, Energy conserve.	NEDS Salinity Mgt, Dynamic soils Props., FSA Compliance/HEL/WC, Prescribed Burning, Conservation Buffers, soil health tool kit
<b>Gene Fults</b>	GLCI Rangeland Mgt Spec	(503) 273-2430	Rangeland ecology and management, Riparian management and assessment, Riparian Multiple Indicators Monitoring protocols, Ecological site inventory protocols, National Riparian Service Team contact, Conservation planning, Prescribed Burning, Wetland Delineations, NRI range and pasture inventory protocol, Range Health, Forage Suitability Groups (FSG), Livestock Issues  RUSLE 2,	Riparian Management course; GSAT, Range and Pasture Inventory

**Giulio Ferruzzi**      Conservation Agronomist      (503) 273-2429

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
			Economics, Spreadsheet Tools, Cost Data-Payment Schedules, CPPE, eFOTG	Certification Course, Boot Camp, eFOTG
<b>Stacy Mitchell</b>	Communications Specialist	(503) 273-2432	Public Affairs; Desktop Publishing; Marketing; Communication Development; Editing; WNTSC reports; Event Planning; Photography; Product Development Planning; Media and Partner Relationships, Myers-Briggs certified, trained in delivering the DISC personal style instrument.	PA Boot Camp, National Snow Survey Course, Writing Your Conservation Story, Making Differences Work in your Group
<b>Jeffrey Repp</b>	GLCI Rangeland Mgt Spec	(503) 273-2431	Riparian and Wetland Complex Ecological Site Descriptions, Ecological Site Inventory System (ESIS), Conservation Planning, Grazing lands Spatial Analysis Tool (GSAT), Rangeland Inventory & Monitoring (Range/ESD Database), Plant Taxonomy	Riparian and wetland complex ecological site descriptions, ecological site inventory, Range/ESD Database, Level II Stream Classification, Grazing lands Spatial Analysis Tool (GSAT).
<b>Peter Robinson</b>	Water Management Engineer	(503) 273-2417	Irrigation, Irrigation Water Management	Irrigation Water Management Software, Irrigation Water Management, Basic Irrigation Training, Center Pivot Design, Micro Irrigation Design, Pumps, Hydraulics, Solar Water Pumping
<b>Pat Shaver</b>	Rangeland Management Spec.	(503) 273-2407	Rangeland Health, Prescribed Burning, Prescribed Grazing, State and Transition Models Rangeland Inventory/NRI, Ecological Site Descriptions, Brush Management	Rangeland Health Workshop; Prescribed Burning Course; Prescribed Grazing; Rangeland Inventory; Boot Camp
<b>Kip Yasumiishi</b>	Civil Engineer	(503) 273-2418	Civil/Design Engineering; Technical support for Survey Engineering Tool and WinXSPRO software, EBAAG representative	Fundamentals Courses for: Soil Mechanics/Geotechnical Engineering, Structural design, Hydraulics, Surveying, Pump Design, Stream Restoration
<b>Charles Zuller</b>	Environmental Engineer	(503) 273-2423	Conservation Innovative Grants; Ag Waste Management; technical support	Bootcamp, Renewable Energy Applications, Alternative Manure

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			for AWM program; admin for AWMCP list server.	Treatment Systems, Planning and Design of Manure Management Systems

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
<b><i>Energy Technology Development Team</i></b>				
<b>Stefanie Aschmann</b>	Leader	(503) 273-2408	CSP Energy tools; Energy conservation, Energy generation, Sustainable agriculture	Conservation Buffers; Nutrient and Pest Management Considerations for Conservation Planning, Energy and Air Quality in Conservation Planning
<b>Curtis Framel</b>	Physical Scientist	(503) 273-2437	Energy Conservation, Energy Auditing	Energy and Air Quality in Conservation Planning
<b><i>Air Quality and Atmospheric Change Team</i></b>				
<b>Greg Johnson</b>	Leader	(503) 273-2424	Agricultural Meteorology; Climatology; Agricultural Air Quality; Atmospheric Change	Air Quality and Atmospheric Change Training for NRCS Employees
<b>Susan O'Neill</b>	Air Quality Scientist	(503) 273-2438	Air Quality; Fire Emissions and Dispersion, Air Quality Modeling, Smoke Management	Air Quality and Atmospheric Change Training for NRCS Employees, NRCS Prescribed Burning Courses: Smoke Management and Effective Communication for Smoke Management in a Changing Air Quality Environment.
<b>Roel Vining</b>	Natural Resources Specialist	(503) 273-2410	Agricultural Air Quality; Greenhouse Gases and Carbon Sequestration; Airborne Particulate Matter; Cropping Systems for Air Quality Management; Website Development and Maintenance	Air Quality and Atmospheric Change Training for NRCS Employees, Conservation Management Systems; Agricultural Air Quality
<b>Greg Zwicke</b>	Environmental Engineer	(503) 273-2434	Agricultural air quality, Animal air quality, Air quality analysis and assessment, Air quality regulations, Air emissions characterization, quantification, and mitigation	Air Quality and Atmospheric Change Training for NRCS Employees, Why Do We Care About Agricultural Air Quality?

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
<b>Water Quality and Quantity Team</b>				
<b>Shaun McKinney</b>	Leader	(503) 273-2413	Hydrology, Fisheries biology	
<b>Joe Bagdon</b>	Pest Management Specialist	(413) 253-4376	Pest management, WinPST, Agronomy	Boot Camp; Nutrient and Pest Management Considerations in Conservation Planning

**Chris Gross**

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M 1 n a g e m e n t

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
<b>Clare Prestwich</b>	Irrigation Engineer	(503) 414-3075	Irrigation design, water quality, water management	Salinity in soil and water, Center Pivot Design, Microirrigation Design, Pumps, Pipeline Hydraulics, Irrigation System Planning
<b>Quan D. Quan</b>	Hydraulic Engineer	(301) 504-3952	WinTR-20, WinTR-55, Sites, HEC-RAS, AGNPS River restoration planning and natural channel design; Geomorphic stream analysis; Stream processes and planning; Stream and Watershed IDT planning; Stream channel evolution;	Boot Camp, HEC-RAS, WinTR-20, WinTR-55, AGNPS
<b>W. Barry Southerland</b>	Fluvial Geomorphologist	(503) 273-2436		